

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- E1 Sub F1
1. (Currently Amended) A method of notifying clients of a specific change in a system comprising:
a client ~~requesting~~ making a request for notification of the specific change in the system;
adding the request to a list of requests for notification, and storing parameters of the request;
detecting the specific change in the system; and
notifying the client requesting notification according to the parameters ~~only~~ that the specific change in the system occurred.
 2. (Cancelled)
 3. (Currently Amended) The method of claim 1 further comprising:
the client terminating a the request for notification.
 4. (Currently Amended) The method of claim 2 further comprising:
the client terminating a the request for notification;
and removing a the request corresponding to the client from the list of requests for notification.
 5. (Previously Amended) The method of claim 1 wherein:
the specific change in the system is connection of a device.
 6. (Previously Amended) The method of claim 1 wherein:
the specific change in the system is disconnection of a device.

7. (Currently Amended) The method of claim 1 wherein:
said ~~requesting~~ making a request includes the client supplying a callback routine; and

said notifying includes executing the callback routine.

8. (Currently Amended) A subsystem for notifying clients of a specific change in a system comprising:

means for a client to ~~request~~ make a request for notification of the specific change in the system;

means for adding the request to a list of requests for notification, and
means for storing parameters of the request;

means for detecting the specific change in the system; and

means for notifying the client requesting notification according to the
parameters ~~only~~ that the specific change in the system occurred.

9. (Cancelled)

10. (Currently Amended) The subsystem of claim 9 further comprising:

means for the client to terminate a the request for notification; and

means for removing a the request corresponding to the client from the list of requests for notification.

11. (Original) The subsystem of claim 10 further comprising:

means for communication to the client; and wherein:

the client supplies the means for communication; and

the means for communication is utilized by the means for notifying.

12. (Currently Amended) A machine-readable medium containing a plurality of executable instructions, which when executed on a processor cause said processor to perform a method of notifying clients of a specific change in a system, the method comprising:

a client ~~requesting~~ making a request for notification of the specific change in the system;

adding the request to a list of requests for notification, and storing parameters of the request;

detecting the specific change in the system; and

notifying the client requesting notification according to the parameters ~~only~~ that the specific change in the system occurred.

13. (Cancelled)

14. (Currently Amended) The machine readable medium of claim 12 wherein the method further comprises:

the client terminating ~~a~~ the request for notification;

and removing ~~a~~ the request corresponding to the client from the list of requests for notification.

15. (Original) The machine-readable medium of claim 14 wherein:
said requesting includes the client supplying a callback routine; and
said notifying includes executing the callback routine.

16. (Currently Amended) A system comprising:

a processor;

a memory;

a bus, the bus coupled to the processor, the bus coupled to the memory;

and

the processor processing a request by a client for notification of a specific change in the system, the processor adding the request to a list of requests for notification, the processor storing parameters of the request, the processor detecting the specific change in the system, and the processor notifying the client according to the parameters only that the specific change in the system has occurred.

17. (Cancelled)

18. (Original) The system of claim 17 wherein:
the processor stores the list of requests in memory.

19. (Original) The system of claim 17 wherein:
the processor processes the client's termination of a request for notification by removing a request corresponding to the client from the list of requests for notification.

20. (Original) The system of claim 19 wherein:
the processor receives a callback routine from the client when the client requests notification and the processor notifies the client by executing the callback routine.

21. (Previously Amended) A method of notifying clients of a specific change in a Universal Serial Bus (USB) comprising:
a first client ~~requesting~~ making a request for notification of a first specific change in the USB;
adding the request to a list of requests for notification, and storing parameters of the request;
detecting the first specific change in the USB; and

notifying the first client requesting notification according to the parameters ~~only~~ that the first specific change in the USB occurred.

22. (Previously Amended) The method of claim 21 wherein:
the first specific change is connection of a device to the USB;
and further comprising:
finding a driver suitable for use with the device.

23. (Previously Amended) The method of claim 21 wherein:
the first specific change is disconnection of a device from the USB;
and further comprising:
deactivating a driver corresponding to the device.

24. (Currently Amended) The method of claim 21 further comprising:
a second client ~~requesting~~ making a request for notification of a second
specific change in the USB;
detecting the second specific change in the USB; and
notifying the second client requesting notification that the second specific
change in the USB occurred.

25. (Previously Amended) The method of claim 24 wherein:
a change in the USB constitutes a first specific change and constitutes a
second specific change.

26. (Previously Amended) The method of claim 24 wherein:
a change in the use that constitutes a first specific change does not
constitute a second specific change.